SEMESTER	***DEPARTMENT***	***COURSE TITLE***
First	*General Engineering*	*Engineering Drawing*
COURSE CODE	***HOURS:*** 3	***COURSE SPECIFICATIONS***
EG 109	***UNITS:*** 3	*Theoretical Contents*

1. Importance of Engineering Drawing:

- To know the tools and its using.
- Definition of point and line.
- Drawing types of lines.
- Drawing the data table.

2. Geometric Construction:

- To bisect a given straight line.
- To bisect a given angle.
- To draw a regular (hexagon, octagon, polygon), given the length of sides.
- Methods of drawing an ellipse.

3.

- Drawing of simple isometric on (30 X 30).
- Drawing of complex isometric with cylindrical shapes and holes.
- Putting the dimensions of the isometric.

4. Orthographic Projection:

- Drawing the three principal views.
- Finding the third view.
- Dimension.
- Sections and sectional views.
- Sectional isometric.

References :

1. ***Engineering drawing and Graphic technology*** ,Wonder William.
2. ***Engineering drawing***, M. B. Shah
3. ***Mechanical drawing***, K. L. Narayana, P. Kannaiah, 3rd Edition.